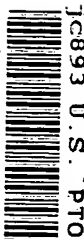


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PATENT APPLICATION TRANSMITTAL LETTER

Docket Number: SHM-01901

To the Commissioner of Patents and Trademarks:

Transmitted herewith for filing under 35 U.S.C. 111 and 37 CFR 1.53 is the patent application of

Junichi FUJIKATA, Tsutomu ISHI and Shigeru Mori

Entitled: **SPIN TUNNEL MAGNETORESISTIVE EFFECT FILM AND ELEMENT, MAGNETORESISTIVE SENSOR USING SAME, MAGNETIC APPARATUS, AND METHOD FOR MANUFACTURING SAME**

Enclosed are:

- ☒ 51 pages of written description, claims and abstract.
- ☒ 12 sheets of drawings.
- ☒ an Assignment of the invention to NEC Corporation and check for \$40.00.
- ☒ executed Declaration of the inventors.
- ☒ Information Disclosure Statement (in duplicate), Form PTO-1449 and cited references.
- ☒ Priority Document

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10/033669
12/28/01

CLAIMS AS FILED

		NUMBER FILED	NUMBER EXTRA	RATE	FEE
BASIC FEE (37 CFR 1.16(a))				\$740	\$740
TOTAL CLAIMS (37 CFR 1.16(c))		29 - 20 = 0	9	\$ 18	\$162
INDEPENDENT CLAIMS (37 CFR 1.16(b))		4- 3 =	1	\$ 84	\$84
MULTIPLE DEPENDENT CLAIM PRESENT		(37 CFR 1.16(d))		\$270	
NUMBER EXTRA MUST BE ZERO OR LARGER			TOTAL		\$986
	If applicant has small entity status under 37 CFR 1.9 and 1.27 then divide total fee by 2, and enter amount here.			SMALL ENTITY	\$

- ☒ A check in the amount of \$986 to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. **501136** as described below. I have enclosed a duplicate copy of this sheet.
- ☐ Charge the amount of \$_____ as filing fee.
- ☒ Credit any overpayment.
- ☒ Charge any additional filing fees required under 37 CFR 1.16 and 1.17.
- ☐ Charge the issue fee set in 37 CFR 1.18 at the mailing of the Notice of Allowance, pursuant to 37 CFR 1.311(b).

Certificate of Express Mail

I, do hereby certify that the foregoing documents are being deposited with the United States Postal Service as Express Mail, postage prepaid, "Post Office to Addressee", in an envelope addressed to the Commissioner for Patents, Box Patent Applications, Washington, D.C. 20231 on this date of December 28, 2001.

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Donald W. Muirhead

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